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TECH CENTER 1600/2900

1600

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/766,889C

DATE: 06/03/2003

TIME: 10:11:47

Input Set : N:\CrF4\05222003\I766889B.raw
 Output Set: N:\CRF4\06032003\I766889C.raw

1 <110> APPLICANT: Luiten, Rosalie
 2 Boon-Falleur, Thierry
 3 van der Bruggen, Pierre
 4 Stroobant, Vincent
 5 Demotte, Nathalie
 6 Schultz, Erwin
 7 <120> TITLE OF INVENTION: MAGE ANTIGENIC PEPTIDES WHICH BIND HLA-B35 AND HLA-B44
 8 <130> FILE REFERENCE: L00461/70104
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/09/766,889C
 10 <141> CURRENT FILING DATE: 2001-01-19
 11 <150> PRIOR APPLICATION NUMBER: US 60/177,242
 12 <151> PRIOR FILING DATE: 2000-01-20
 13 <150> PRIOR APPLICATION NUMBER: US 60/243,212
 14 <151> PRIOR FILING DATE: 2000-10-25
 15 <160> NUMBER OF SEQ ID NOS: 59
 16 <170> SOFTWARE: PatentIn 3.1
 18 <210> SEQ ID NO: 1
 19 <211> LENGTH: 930
 20 <212> TYPE: DNA
 21 <213> ORGANISM: Homo sapiens
 22 <400> SEQUENCE: 1
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 24 gaggccctgg gcctgggtgt tggcggcgtt gcccacccctt cctccctctcc tctggccttg 120
 25 ggcaccctgg aggagggtgcc cactgctggg tcaacagatc ctccccagag tcctcaggga 180
 26 gcctccgcct ttcccactac catcaacttc actcgacaga ggcaacccag tgagggttcc 240
 27 agcagccgtg aagaggagggg gccaaggcacc tcttgatcc tggagtcctt gttccgagca 300
 28 gtaatacta agaagggtggc tgatttgggtt ggttttctgc tcctcaaata tcgagccagg 360
 29 gagccagtca caaaggcaga aatgctggag agtgtcatca aaaattacaa gcactgttt 420
 30 cctgagatct tcggccaaagc ctctgagttc ttgcagctgg tctttggcat tgacgtgaag 480
 31 gaagcagacc ccacccggcca ctcctatgtc cttgtcacct gccttaggtct ctcctatgt 540
 32 ggcctgctgg gtgataatca gatcatgccc aagacaggct tcctgataat tgtctggc 600
 33 atgattgcaa tggaggggcgg ccatgctctt gaggaggaaa tctgggagga gctgagtg 660
 34 atggaggtgt atgatggggag ggagcacagt gcctatgggg agcccgagaa gctgctcacc 720
 35 caagatttgg tgcagaaaaa gtacctggag taccggcagg tgccggacag tgatcccgca 780
 36 cgctatgagt tcctgtgggg tccaaggccc ctcgctgaaa ccagctatgt gaaagtccctt 840
 37 gagtatgtga tcaaggtcag tgcaagagtt cgcttttct tcccatccct gcgtgaagca 900
 38 gctttgagag aggaggaaga gggagttctga 930
 40 <210> SEQ ID NO: 2
 41 <211> LENGTH: 309
 42 <212> TYPE: PRT
 43 <213> ORGANISM: Homo sapiens
 44 <400> SEQUENCE: 2
 45 Met Ser Leu Glu Gln Arg Ser Leu His Cys Pro Glu Glu Ala Leu

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Input Set : N:\Crf4\05222003\I766889B.raw
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47  Glu Ala Gln Gln Glu Ala Leu Gly Leu Val Cys Val Gln Ala Ala Thr
48      20      25      30
49  Ser Ser Ser Ser Pro Leu Val Leu Gly Thr Leu Glu Glu Val Pro Thr
50      35      40      45
51  Ala Gly Ser Thr Asp Pro Pro Gln Ser Pro Gln Gly Ala Ser Ala Phe
52      50      55      60
53  Pro Thr Thr Ile Asn Phe Thr Arg Gln Arg Gln Pro Ser Glu Gly Ser
54      65      70      75      80
55  Ser Ser Arg Glu Glu Gly Pro Ser Thr Ser Cys Ile Leu Glu Ser
56      85      90      95
57  Leu Phe Arg Ala Val Ile Thr Lys Lys Val Ala Asp Leu Val Gly Phe
58      100     105     110
59  Leu Leu Leu Lys Tyr Arg Ala Arg Glu Pro Val Thr Lys Ala Glu Met
60      115     120     125
61  Leu Glu Ser Val Ile Lys Asn Tyr Lys His Cys Phe Pro Glu Ile Phe
62      130     135     140
63  Gly Lys Ala Ser Glu Ser Leu Gln Leu Val Phe Gly Ile Asp Val Lys
64      145     150     155     160
65  Glu Ala Asp Pro Thr Gly His Ser Tyr Val Leu Val Thr Cys Leu Gly
66      165     170     175
67  Leu Ser Tyr Asp Gly Leu Leu Gly Asp Asn Gln Ile Met Pro Lys Thr
68      180     185     190
69  Gly Phe Leu Ile Ile Val Leu Val Met Ile Ala Met Glu Gly Gly His
70      195     200     205
71  Ala Pro Glu Glu Glu Ile Trp Glu Glu Leu Ser Val Met Glu Val Tyr
72      210     215     220
73  Asp Gly Arg Glu His Ser Ala Tyr Gly Glu Pro Arg Lys Leu Leu Thr
74      225     230     235     240
75  Gln Asp Leu Val Gln Glu Lys Tyr Leu Glu Tyr Arg Gln Val Pro Asp
76      245     250     255
77  Ser Asp Pro Ala Arg Tyr Glu Phe Leu Trp Gly Pro Arg Ala Leu Ala
78      260     265     270
79  Glu Thr Ser Tyr Val Lys Val Leu Glu Tyr Val Ile Lys Val Ser Ala
80      275     280     285
81  Arg Val Arg Phe Phe Pro Ser Leu Arg Glu Ala Ala Leu Arg Glu
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83  Glu Glu Glu Gly Val
84      305
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89 <213> ORGANISM: Homo sapiens
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94 <211> LENGTH: 30
95 <212> TYPE: DNA
96 <213> ORGANISM: Homo sapiens

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RAW SEQUENCE LISTING
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Input Set : N:\CrF4\05222003\I766889B.raw
 Output Set: N:\CRF4\06032003\I766889C.raw

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 101 <211> LENGTH: 12
 102 <212> TYPE: PRT
 103 <213> ORGANISM: Homo sapiens
 104 <400> SEQUENCE: 5
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 106 1 5 10
 108 <210> SEQ ID NO: 6
 109 <211> LENGTH: 10
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 112 <400> SEQUENCE: 6
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 114 1 5 10
 116 <210> SEQ ID NO: 7
 117 <211> LENGTH: 9
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 119 <213> ORGANISM: Homo sapiens
 120 <400> SEQUENCE: 7
 121 Asp Pro Thr Gly His Ser Tyr Val Leu
 122 1 5
 124 <210> SEQ ID NO: 8
 125 <211> LENGTH: 9
 126 <212> TYPE: PRT
 127 <213> ORGANISM: Homo sapiens
 128 <400> SEQUENCE: 8
 129 Glu Ala Asp Pro Thr Gly His Ser Tyr
 130 1 5
 132 <210> SEQ ID NO: 9
 133 <211> LENGTH: 10
 134 <212> TYPE: PRT
 135 <213> ORGANISM: Homo sapiens
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 137 Lys Glu Ala Asp Pro Thr Gly His Ser Tyr
 138 1 5 10
 140 <210> SEQ ID NO: 10
 141 <211> LENGTH: 8
 142 <212> TYPE: PRT
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 145 Ala Asp Pro Thr Gly His Ser Tyr
 146 1 5
 148 <210> SEQ ID NO: 11
 149 <211> LENGTH: 72
 150 <212> TYPE: DNA
 151 <213> ORGANISM: Homo sapiens
 152 <400> SEQUENCE: 11

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RAW SEQUENCE LISTING
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Input Set : N:\CrF4\05222003\I766889B.raw
Output Set: N:\CRF4\06032003\I766889C.raw

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154	cactcctatt ga	72
156 <210>	SEQ ID NO: 12	
157 <211>	LENGTH: 23	
158 <212>	TYPE: PRT	
159 <213>	ORGANISM: Homo sapiens	
160 <400>	SEQUENCE: 12	
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162	1 5 10 15	
163	Asp Pro Thr Gly His Ser Tyr	
164	20	
166 <210>	SEQ ID NO: 13	
167 <211>	LENGTH: 33	
168 <212>	TYPE: DNA	
169 <213>	ORGANISM: Homo sapiens	
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171	atgaaagcag accccacccgg ccactcctat tga	33
173 <210>	SEQ ID NO: 14	
174 <211>	LENGTH: 10	
175 <212>	TYPE: PRT	
176 <213>	ORGANISM: Homo sapiens	
177 <400>	SEQUENCE: 14	
178	Met Glu Ala Asp Pro Thr Gly His Ser Tyr	
179	1 5 10	
181 <210>	SEQ ID NO: 15	
182 <211>	LENGTH: 30	
183 <212>	TYPE: DNA	
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185 <400>	SEQUENCE: 15	
186	atggcagacc ccacccggcca ctcctattga	30
188 <210>	SEQ ID NO: 16	
189 <211>	LENGTH: 9	
190 <212>	TYPE: PRT	
191 <213>	ORGANISM: Homo sapiens	
192 <400>	SEQUENCE: 16	
193	Met Ala Asp Pro Thr Gly His Ser Tyr	
194	1 5	
196 <210>	SEQ ID NO: 17	
197 <211>	LENGTH: 9	
198 <212>	TYPE: PRT	
199 <213>	ORGANISM: Homo sapiens	
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202	1 5	
204 <210>	SEQ ID NO: 18	
205 <211>	LENGTH: 9	
206 <212>	TYPE: PRT	
207 <213>	ORGANISM: Homo sapiens	
208 <400>	SEQUENCE: 18	

RAW SEQUENCE LISTING
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Input Set : N:\Crf4\05222003\I766889B.raw
Output Set: N:\CRF4\06032003\I766889C.raw

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210 1 5
212 <210> SEQ ID NO: 19
213 <211> LENGTH: 9
214 <212> TYPE: PRT
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216 <400> SEQUENCE: 19
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218 1 5
220 <210> SEQ ID NO: 20
221 <211> LENGTH: 10
222 <212> TYPE: PRT
223 <213> ORGANISM: Homo sapiens
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225 Met Glu Val Asp Pro Ile Gly His Leu Tyr
226 1 5 10
228 <210> SEQ ID NO: 21
229 <211> LENGTH: 9
230 <212> TYPE: PRT
231 <213> ORGANISM: Homo sapiens
232 <400> SEQUENCE: 21
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236 <210> SEQ ID NO: 22
237 <211> LENGTH: 8
238 <212> TYPE: PRT
239 <213> ORGANISM: Homo sapiens
240 <400> SEQUENCE: 22
241 Tyr Arg Pro Arg Pro Arg Arg Tyr
242 1 5
244 <210> SEQ ID NO: 23
245 <211> LENGTH: 10
246 <212> TYPE: PRT
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252 <210> SEQ ID NO: 24
253 <211> LENGTH: 9
254 <212> TYPE: PRT
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258 1 5
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262 <212> TYPE: PRT
263 <213> ORGANISM: Homo sapiens
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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/766,889C

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Input Set : N:\Crf4\05222003\I766889B.raw
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:53; Xaa Pos. 1

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 7,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38
Seq#:3; Line(s) 91
Seq#:4; Line(s) 98
Seq#:11; Line(s) 153,154
Seq#:13; Line(s) 171
Seq#:15; Line(s) 186

VERIFICATION SUMMARY

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L:9 M:270 C: Current Application Number differs, Wrong Format

L:493 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53 after pos.:0